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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>		<p><i>Complete If Known</i></p> <p><i>10683041</i></p>	
		<p><b>Application Number</b></p> <p>09510,862</p>	<p><b>Filing Date</b></p> <p>February 23, 2000</p>
		<p><b>First Named Inventor</b></p> <p>Herr</p>	<p><b>Group Art Unit</b></p> <p>2815</p>
		<p><b>Examiner Name</b></p> <p>J. Jackson, Jr.</p>	<p><b>Attorney Docket Number</b></p> <p>361007-0000007</p>
Sheet	1	of	1

**U.S. PATENT DOCUMENTS**

Examiner Initials'	Cite No. <sup>1</sup>	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	AA	D. M. Eigler et al., "Positioning single atoms with a scanning tunnelling microscope", <i>Nature</i> , Vol. 344 (April 1990) pp 524-526	
	AB	P. Bedrossian et al., "Demonstration of the tunnel-diode effect on an atomic scale", <i>Nature</i> , Vol. 342 (November 1989) pp 258-260	

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10685041

FORM PTO-1449 REV. 2-32) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO.: 361007-7				SERIAL NO.: 09/510,802			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)									
		IN RE APPLICATION OF: Daniel Herr, et al.							
		FILING DATE: March 6, 2000				GROUP ART UNIT:			
		FOR: Supramolecular Structures and Devices Made From Same							
<b>U.S. PATENT DOCUMENTS</b>									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
		5 9 8 1 3 1 6	11/06/99	Yamada, et al.	438	128			
<b>FOREIGN PATENT DOCUMENTS</b>									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION			
						YES	NO		
EXAMINER INITIAL	<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	Desiraju, G.R. (Ed.), <i>Thoughts on Crystals as Supramolecules</i> , The Crystal as a Supramolecular Entity, John Wiley and Sons Ltd., 1996.								
	Feynman, R.P., <i>Infinitesimal Machinery</i> , Journal of MicroMechanical Systems, Vol. 2, No. 1, March 1993, pp. 4-14.								
	Feynman, R.P., <i>There's Plenty of Room at the Bottom</i> , Engineering and Science, Vol. 23, 1960, pp. 22-36, Reprinted in Anthony J.G. Hey (Ed.), <i>Feynman and Computation: Exploring the Limits of Computers</i> , Perseus Books, 1999.								
	Giro, et al., <i>Single Layer Electroluminescent Devices Based on Molecularly Doped Polymer (MDP) Films</i> , Synthetic Metals, Vol. 84, 1997, pp. 379-80.								
	Johnson, et al., <i>Electroluminescence From Single Layer Molecularly Doped Polymer Films</i> , SPIE, Vol. 1910, 1993, pp. 6-14.								
	Metzger, R.M., <i>Electrical Rectification by a Molecule: The Advent of Unimolecular Electronic Devices</i> , Accounts of Chemical Research, Vol. 32, No. 11, 1999, pp. 950-7.								
	Nikzad, et al., <i>Direct Detection and Imaging of Low-Energy Electrons With Delta-Doped Charge-Coupled Devices</i> , Applied Physics Letters, Vol. 73, No. 23, December 7, 1998, pp. 3417-9.								
	Stormer, et al., <i>GaAs Field-Effect Transistor With An Atomically Precise Ultrashort Gate</i> , Appl. Phys. Lett., Vol. 59, No. 9, August 26, 1991, pp. 1111-3.								
	Tucker, et al., <i>Prospects for Atomically Ordered Device Structures Based on STM Lithography</i> , Solid-State Electronics, Vol. 42, No. 7-8, 1998, pp. 1061-7.								
	Zaknoune, et al., <i>High-Power V-Band Ga<sub>0.5</sub>In<sub>0.5</sub>P/In<sub>0.5</sub>Ga<sub>0.5</sub>As Pseudomorphic HEMT Grown by Gas Source Molecular Beam Epitaxy</i> , IEEE Microwave and Guided Wave Letters, Vol. 9, No. 1, January 1999, pp. 28-30.								
EXAMINER	<i>J. DeLaney</i> 8/04								
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		Application Number	09/510,802
		Filing Date	February 23, 2000
		First Named Inventor	Herr, Daniel Joseph Christian
		Group Art Unit	2815
		Examiner Name	Jackson
Sheet	1	of	2
		Attorney Docket Number	

Examiner Signature		Date Considered	8/04
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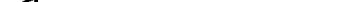
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<p>Substitute for form 1449B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<p><i>Complete if Known</i></p> <p>101685041</p>	
		Application Number	49310,602		
		Filing Date	February 23, 2000		
		First Named Inventor	Herr, Daniel Joseph Christian		
		Group Art Unit	2815		
		Examiner Name	Jackson		
Sheet	2	of	2	Attorney Docket Number	361007-000007

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	72
<i>[Handwritten]</i>		Saito, S. et al, "Electronic Structure of Si <sub>60</sub> and C <sub>70</sub> Fullerides." <i>Proceedings of the Symposium on Recent Advances in the Chemistry and Physics of Fullerenes and Related Materials</i> , Vol. 3, pp. 457-461, 1998	
<i>[Handwritten]</i>		Cavin, R. et al, "Semiconductor research needs in the nanoscale physical sciences: a Semiconductor Research Corporation working paper." <i>Journal of Nanoparticle Research</i> 2; pp. 213-235; 2000.	
<i>[Handwritten]</i>		Ozin, Geoffrey A.; "Nanochemistry: Synthesis in Diminishing Dimensions." <i>Advanced Materials</i> 4, No. 10; pp.612-649; 1992.	

Examiner Signature		Date Considered	8/04
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